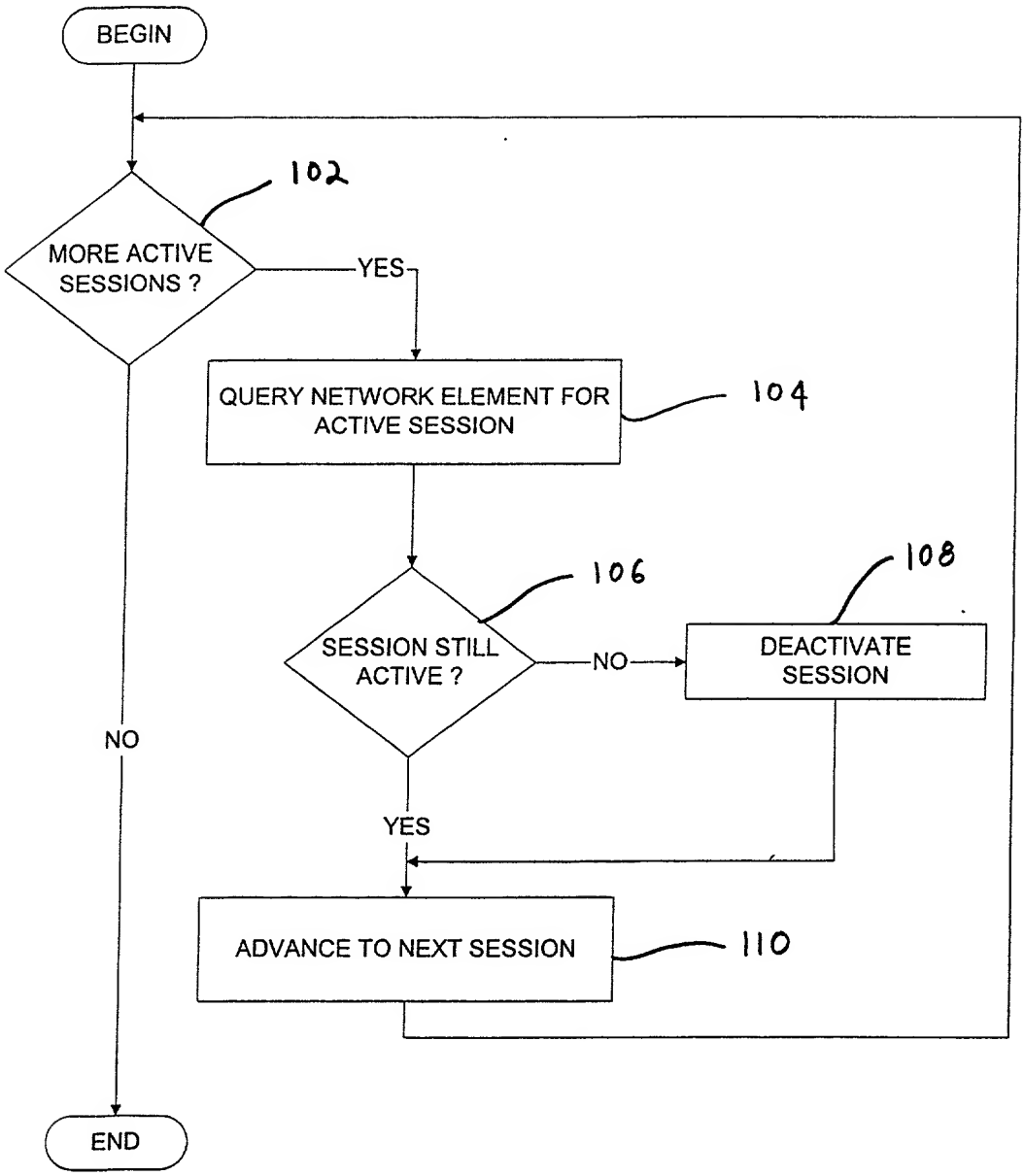
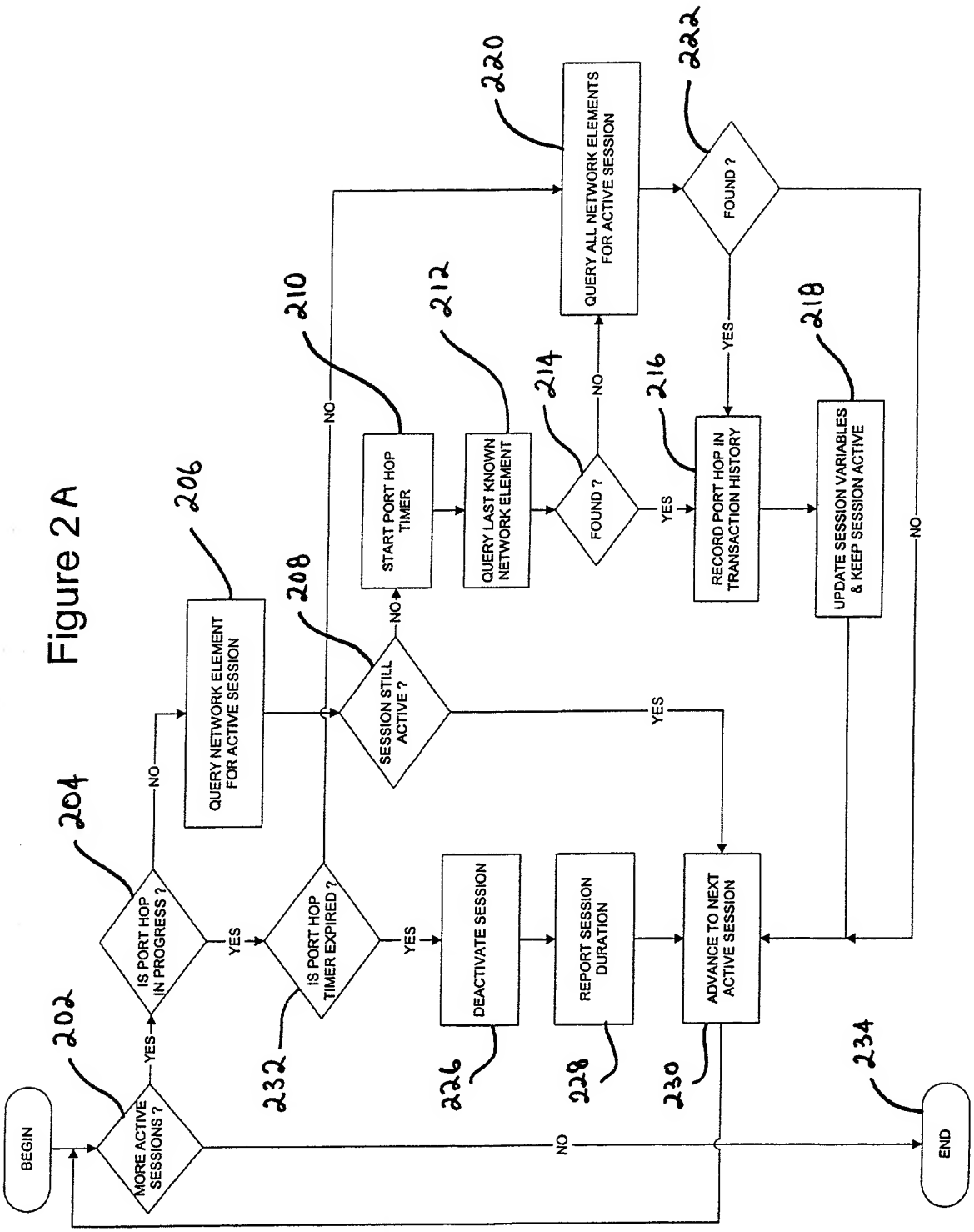


Figure 1
Prior Art

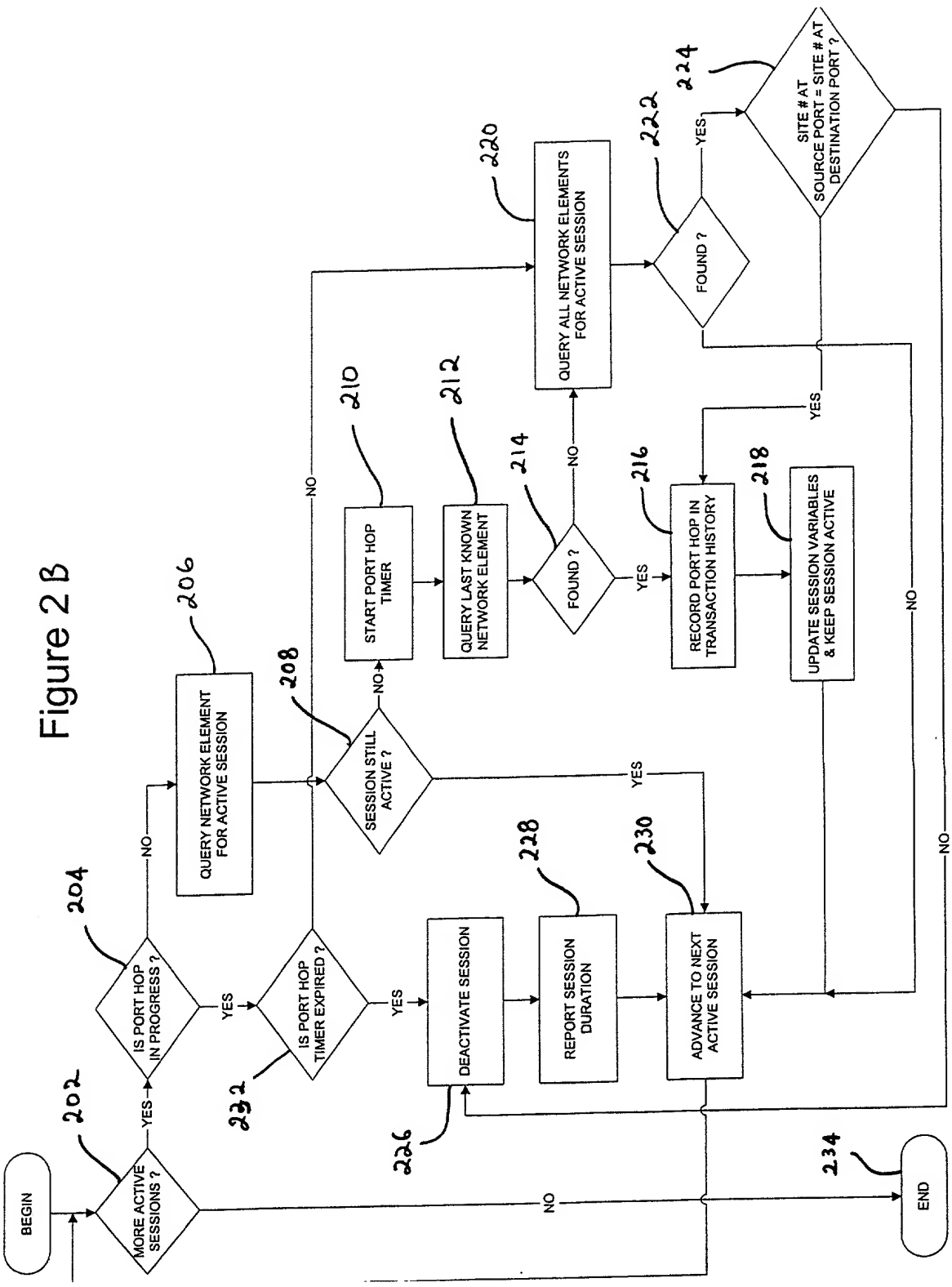
Under 37 CFR 1.84

Figure 2A



"EXPRESS MAIL" LABEL NO. EL839722757US

Figure 2B



CISCO-5020

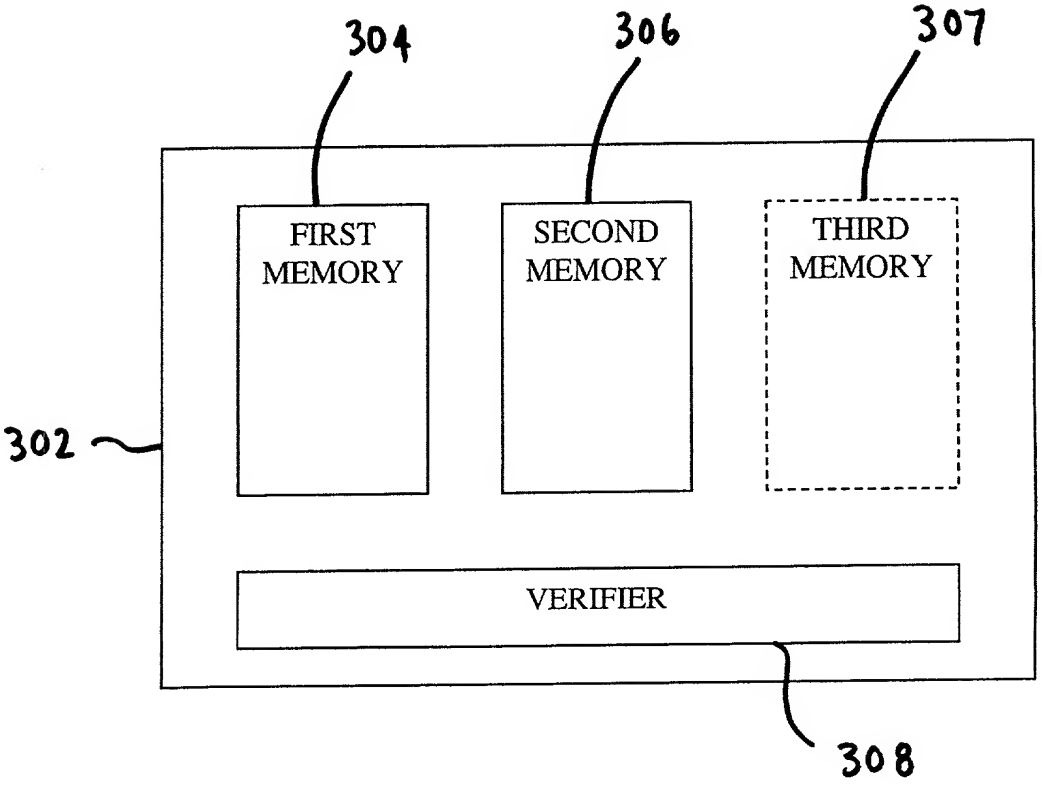


FIG. 3

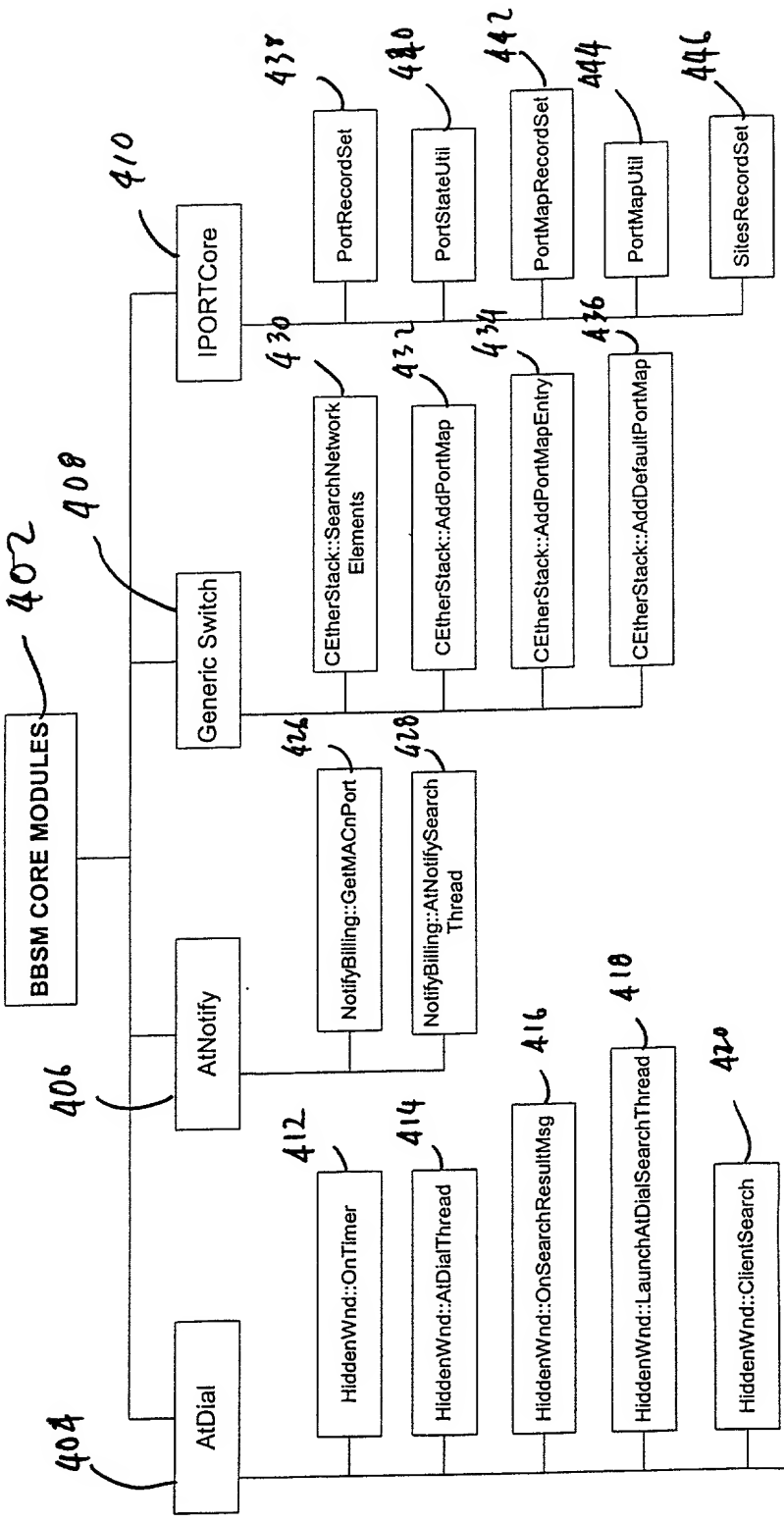

BBSM CORE MODULES
402
AtDial
404
AtNotify
406
Generic Switch
408
IPORTCore
410
HiddenWnd::OnTimer
412
HiddenWnd::AtDialThread
414
HiddenWnd::OnSearchResultMsg
416
HiddenWnd::LaunchAtDialSearchThread
418
HiddenWnd::ClientSearch
420
HiddenWnd::CompletePortHop
422
HiddenWnd::TurnOffPortHopInProgress
424
NotifyBilling::GetMACnPort
426
NotifyBilling::AtNotifySearch Thread
428
CEtherStack::SearchNetwork Elements
430
CEtherStack::AddPortMap
432
CEtherStack::AddPortMapEntry
434
CEtherStack::AddDefaultPortMap
436
PortRecordSet
438
PortStateUtil
440
PortMapRecordSet
442
PortMapUtil
444
SitesRecordSet
446

Figure 4

EL839722757US

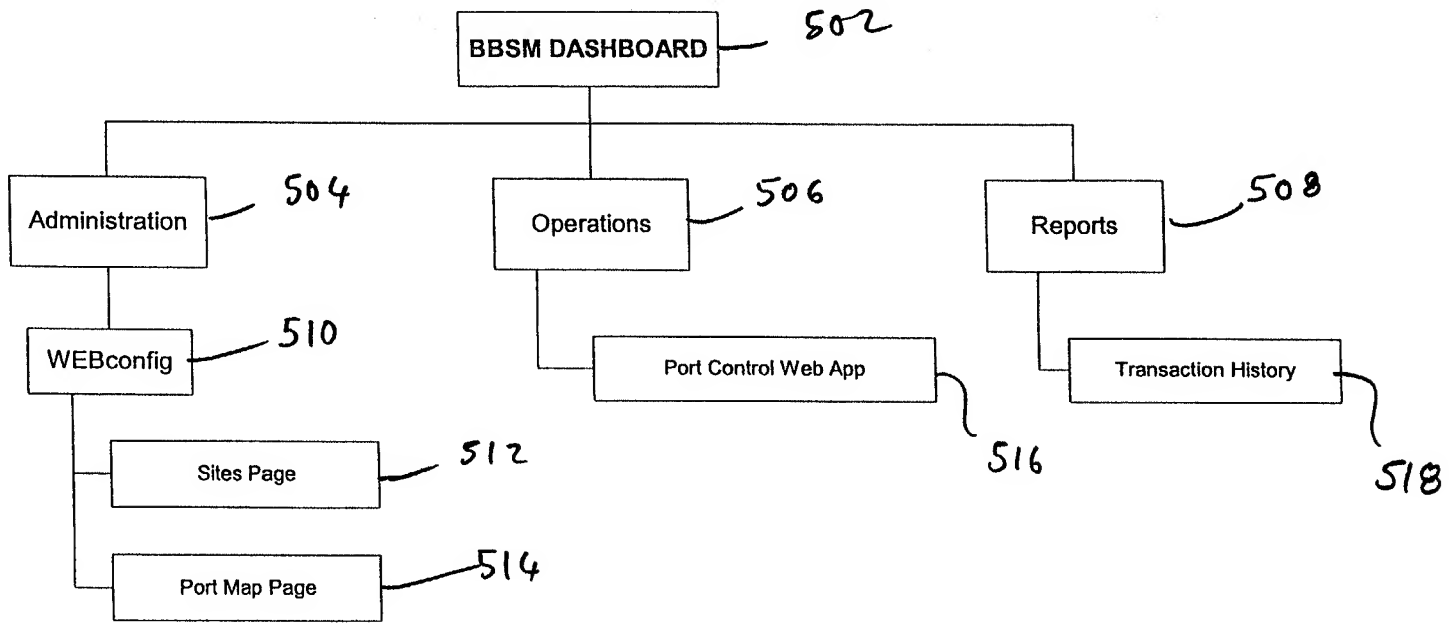


Figure 5

CISCO-5020

EL839722757US

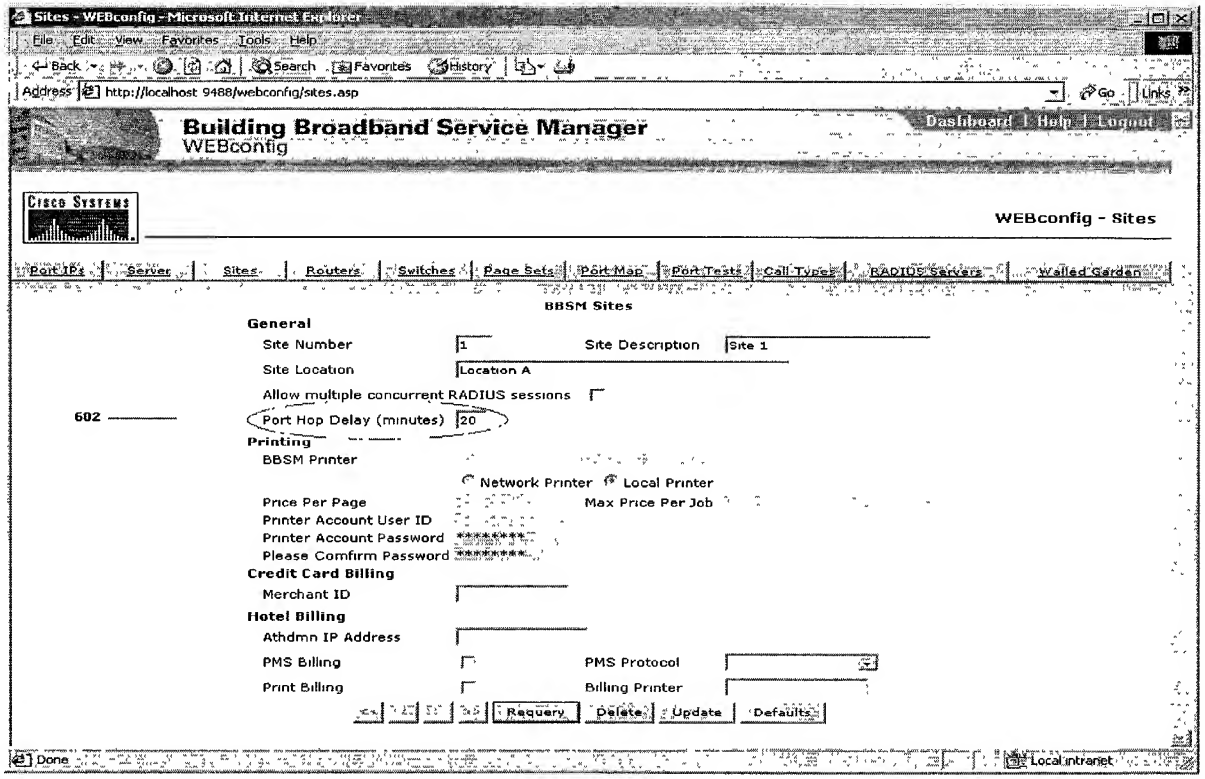


Figure 6

CISCO-5020

Docket # 5382.0001

EL839722757US

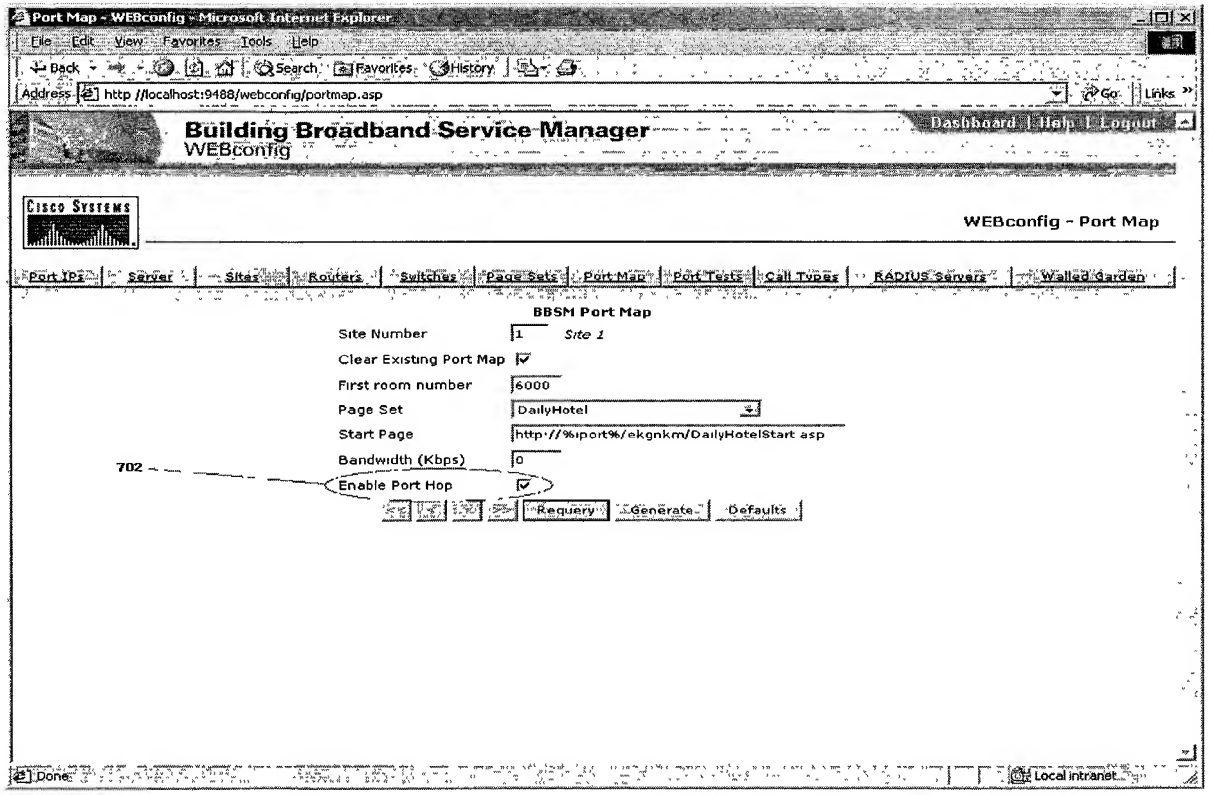


Figure 7

CISCO-5020

EL839722757US

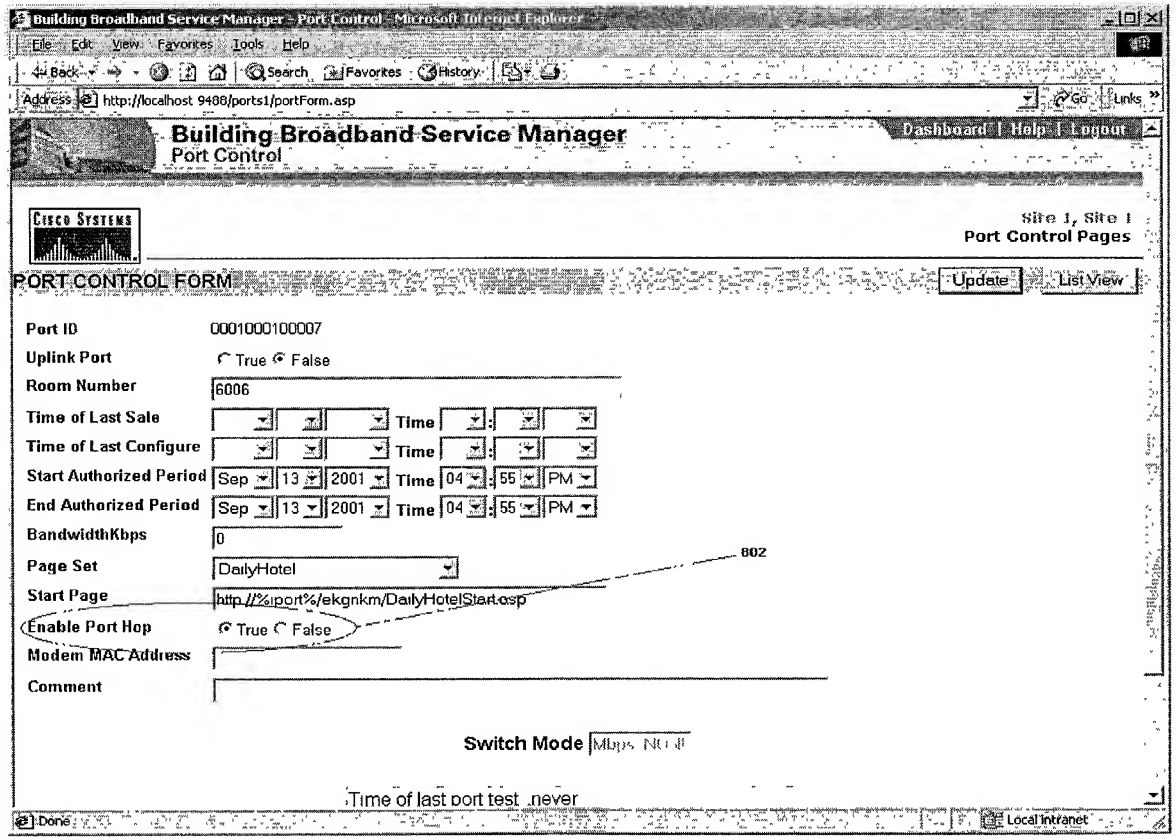


Figure 8

CISCO-5020

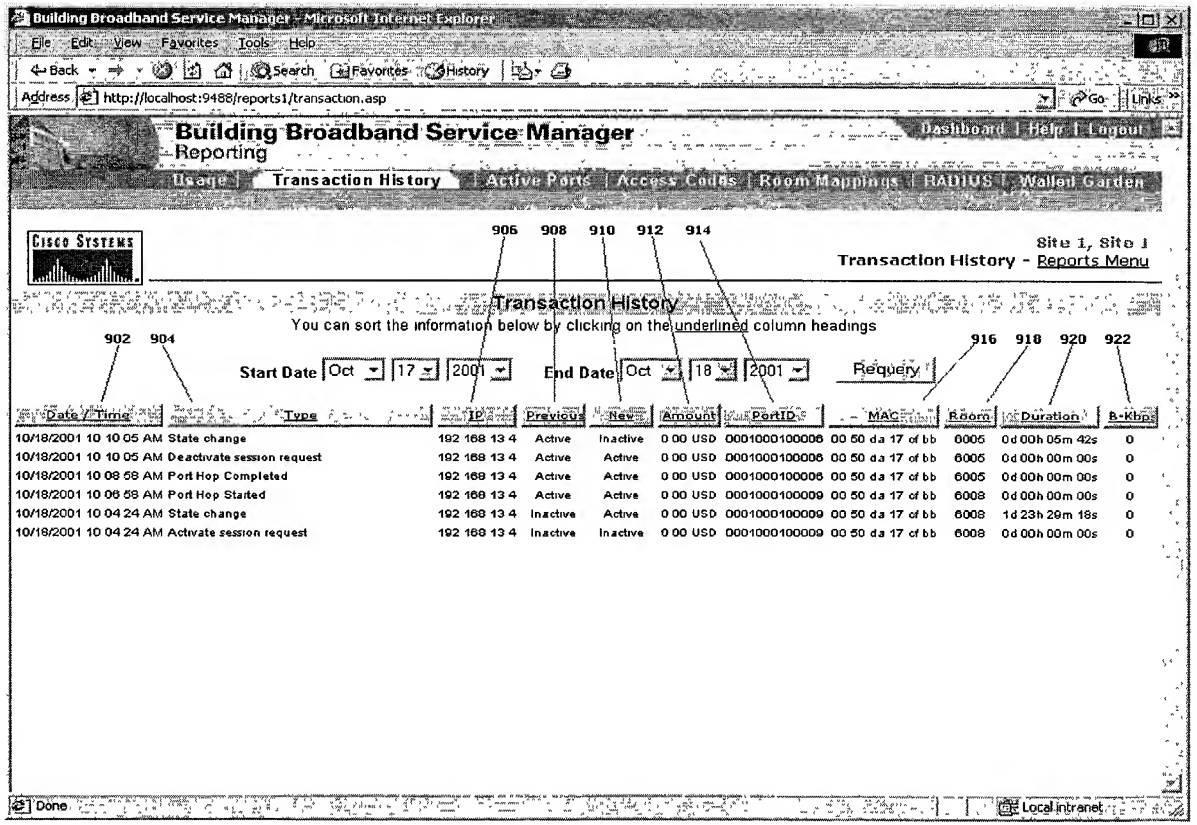

Building Broadband Service Manager - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address http://localhost:9488/reports1/transaction.asp
Building Broadband Service Manager
Reporting
Dashboard | Help | Logout
Usage | Transaction History | Active Ports | Access Codes | Room Mappings | RADIUS | Walled Garden
Site 1, Site 1
Transaction History - Reports Menu
Transaction History
You can sort the information below by clicking on the underlined column headings
Start Date Oct 17 2001
End Date Oct 18 2001
Requery
902 904 906 908 910 912 914 916 918 920 922
Date / Time | Type | IP | Previous | New | Amount | PortID | MAC | Room | Duration | B-Kbps
10/18/2001 10 10 05 AM State change 192 168 13 4 Active Inactive 0 00 USD 0001000100006 00 50 da 17 of bb 6005 0d 00h 05m 42s 0
10/18/2001 10 10 05 AM Deactivate session request 192 168 13 4 Active Active 0 00 USD 0001000100006 00 50 da 17 of bb 6005 0d 00h 00m 00s 0
10/18/2001 10 08 58 AM Port Hop Completed 192 168 13 4 Active Active 0 00 USD 0001000100006 00 50 da 17 of bb 6005 0d 00h 00m 00s 0
10/18/2001 10 06 58 AM Port Hop Started 192 168 13 4 Active Active 0 00 USD 0001000100009 00 50 da 17 of bb 6008 0d 00h 00m 00s 0
10/18/2001 10 04 24 AM State change 192 168 13 4 Inactive Active 0 00 USD 0001000100009 00 50 da 17 of bb 6008 1d 23h 29m 18s 0
10/18/2001 10 04 24 AM Activate session request 192 168 13 4 Inactive Inactive 0 00 USD 0001000100009 00 50 da 17 of bb 6008 0d 00h 00m 00s 0
Done
Local intranet

Figure 9

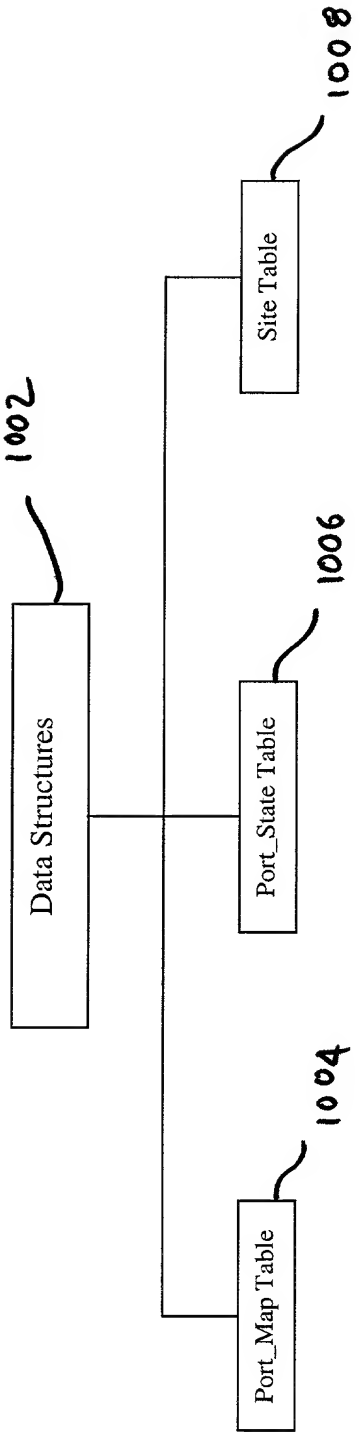

1002
Data Structures
1004
Port_Map Table
1006
Port_State Table
1008
Site Table

FIG. 10